

Work Order ID 68105

Wednesday, April 06, 2011 2:27:19 PM



Page 1

Item ID: D3490-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Cross Bolt Spacer

Start Date: 4/6/2011 Start Qty: 60.00



Cust Item ID:

Required Date: 4/13/2011 Req'd Qty: 60.00



Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date: 4-07-11

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3490

Rev A

100

0.00



Hardinge CNC LATHE SMALL

Hardinge

Memo

0.00

Hardinge CNC Lathe Small

1-TURN AS PER FOLIO FA628 & DWG D3490

FOLIO REV: *[Signature]*

DWG REV: *[Signature]*

2-DEBURR AS REQUIRED

ml 11. 4. 14

60

110

0.00



QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

ml 11. 4. 14

60

120

0.00



QC8- Inspect parts - second check

QC

Memo

0.00

Quality Control

sl 11/04/14

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 68105

Wednesday, April 06, 2011 2:27:19 PM



Page 2

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Item Name: Cross Bolt Spacer

Start Date: 4/6/2011 Start Qty: 60.00



Cust Item ID:

Required Date: 4/13/2011 Req'd Qty: 60.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location

LG

0.00



Packaging

Memo

0.00

Packaging

STOCK IN SKIDTUBE CELL

60 0 BB 4/04/15

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/4/18 JF
MF
11-04-15

W/O:		WORK ORDER CHANGES						
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Picklist Print

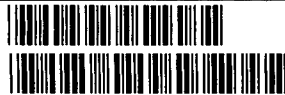
Wednesday, April 06, 2011 2:27:25 PM

Page 1

Work Order ID: 68105

Parent Item: D3490-1

Parent Item Name: Cross Bolt Spacer



Start Date: 4/6/2011

Required Date: 4/13/2011

Start Qty: 60.00

Required Qty: 60.00

Comments: IPP Rev:A New Issue 06-03-03 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6T0.500W.049		Purchased	No			100	f	393.6670	0.266	16.8			
6061-T6 RD Tube .500 x.049W													

ml 11.4.14

Location

Loc Qty

Loc Code

MAT014

393.667

117270

393.667

16

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

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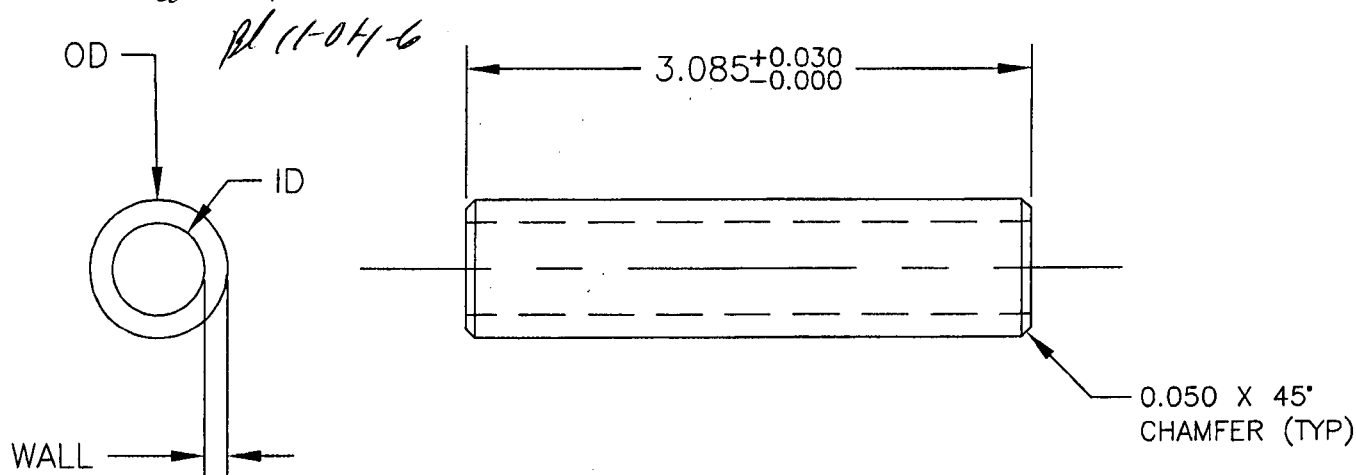
RETURN TO
ENGINEERING
UNCONTROLLED COPY

SUBJECT TO A ~~REVISION~~

WITHOUT NOTICE
WORK ORDER

NO. 68104

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3490	REV. A SHEET 1 OF 1
DATE 06.01.04		TITLE CROSS BOLT SPACER	SCALE NTS
A	06.01.04	NEW ISSUE	



D3490-1/-3/-5 CROSS BOLT SPACER PARTS LIST

PART NUMBER	OD	WALL	ID (REF)	MATERIAL SPEC
D3490-1	0.500	0.049	0.402	M6061T6T0.500W.049
D3490-3	0.750	0.080	0.591	M6061T6R0.750
D3490-5	0.313	0.058	0.197	M6061T6T0.313W.058

D3490-1/-3/-5 CROSS BOLT SPACER

- 1) MATERIAL: ALUMINUM 6061-T6 (QQ-A-200/8 OR QQ-A-225/8)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASED
06-02-07

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